Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard

GENERAL INFORMATION:

Name:	Summit Polymers, Inc.
Address:	2201 West Park Road, Elizabethtown, Kentucky
Date application received:	12/08/2006
SIC/Source description:	3089, Plastic Products, Nec
Source ID #:	21-093-00084
Source A.I. #:	38328
Activity #:	APE20060001
Permit number:	F-06-024 (Revision 1)

APPLICATION TYPE/PERMIT ACTIVITY:

[ ] Initial issuance	[ ] General permit
[x] Permit modification	[x] Conditional major
__Administrative	[ ] Title V
x_ Minor	[x] Synthetic minor
__Significant	[ ] Operating
[ ] Permit renewal	[x] Construction/operating

COMPLIANCE SUMMARY:

[ ] Source is out of compliance [ ] Compliance schedule included
[x] Compliance certification signed

APPLICABLE REQUIREMENTS LIST:

[ ] NSR [ ] NSPS [x] SIP
[ ] PSD [ ] NESHAPS [ ] Other
[ ] Netted out of PSD/NSR [ ] Not major modification per 401 KAR 51:001, 1(116)(b)

MISCELLANEOUS:

[ ] Acid rain source
[ ] Source subject to 112(r)
[x] Source applied for federally enforceable emissions cap
[ ] Source provided terms for alternative operating scenarios
[ ] Source subject to a MACT standard
[ ] Source requested case-by-case 112(g) or (j) determination
[ ] Application proposes new control technology
[ ] Certified by responsible official
[ ] Diagrams or drawings included
[ ] Confidential business information (CBI) submitted in application
[ ] Pollution Prevention Measures
[ ] Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM_{10}	2.16	19.07	N/A
VOC	84.73	468.83	90.00
Single HAPs			
Acrylonitrile (CAS No. 107-13-1)	0.0980	0.1079	N/A
Antimony Compounds	0.0000311	0.0186	N/A
Chromium Compounds	0.0000312	0.0186	N/A
Dichloromethane (CAS No. 75-09-2)	0.1629	0.7042	
Ethyl Benzene (CAS No. 100-41-4)	1.53	2.80	N/A
Formaldehyde (CAS No. 50-00-0)	0.895	1.60	N/A
Glycol Ether (CAS No. 112-34-5)	6.66	53.66	9.0
Maleic Anhydride (CAS No. 108-31-6)	0.1616	0.1616	N/A
Manganese Compounds	0.0000385	0.0230	N/A
Nickel Compounds	0.0000158	0.0094	N/A
Styrene (CAS No. 100-42-5)	2.50	4.36	N/A
Toluene (CAS No. 108-88-3)	0.0037	0.0037	N/A
Vinyl Chloride (CAS No. 75-01-4)	0.0000743	0.0004	N/A
Xylenes (CAS No. 1330-20-7)	0.0001988	0.0002	N/A
Source wide HAPs	12.01	63.20	22.5

SOURCE DESCRIPTION:

Summit Polymers Inc. produces plastic automotive interior parts including instrument panel clusters, steering column covers and various other plastic parts. The processes at the facility include injection molding of plastic parts, coating of plastic parts in spray booths with water-based paints and infrared oven drying of coated plastic parts. This minor permit revision addresses the replacement of injection molding machines 8 and 9. Press 8 was formerly a Ube 1000T Model #0246 and is now a Van Dorn Model #230-HT-RS-14F-0568. Press 9 was formerly a Van Dorn, 1000T, Model #0224 and is now a Van Dorn Model #0400-HT-48F-0401. Installation of these units is scheduled to occur on December 12, 2006 with projection of start-up on December 18, 2006.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility is subject to emission caps of ninety (90.0) tons per year for VOC, nine (9) tons per year for single HAP and twenty-two and a half (22.5) tons per year for combined HAPS. These emission caps will preclude the applicability of the following regulation: 401 KAR 63:002 (vvv) 40 CFR 63.4480 to 63.4581 (Subpart PPPP), "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products".